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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/600,508	06/23/2003	Chien-Liang Chang	2450-0501P	8665
2292 7590 01/05/2007 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			EXAMINER REZA, MOHAMMAD W	
			ART UNIT 2136	PAPER NUMBER

SHORTENED STATUTORY PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVERY MODE
3 MONTHS	01/05/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 01/05/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary	Application No. 10/600,508	Applicant(s) CHANG ET AL.	
	Examiner Mohammad W. Reza	Art Unit 2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-11 are presented for examination.

Abstract

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

2. The abstract of the disclosure is objected to because more than 150 words.

Correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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3. Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Romao et al hereafter Romao (US patent 4594609).

4. As per claim 1, Romao discloses a processing method including the following procedures: a) at least one main film and at least one subsidiary film are obtained; b) when the at least one main film and the at least one subsidiary film are playing, the video signals will be synchronously inputted into the composite video-signal processing unit for processing composite video signals (col. 6, lines 19-24, col. 8, lines 1-37, col. 16, lines 25-31); c) when the video signals of the at least one main film and the at least one subsidiary film are executing the composite video signal process, a markup signal is added into each field of the main film synchronously, and then an encrypted composite film is completed (col. 23, lines 32-52, and claim 87).

5. As per claim 2, Romao discloses the processing method wherein the composite video-signal processing unit is to synthesize the video signals of the at least one main film and the at least one subsidiary film by overlapping the video signals (col. 2, lines 35-53).

6. As per claim 3, Romao discloses the processing method wherein the markup signal is a synchronous signal (col. 2, lines 53-67).

7. As per claim 4, Romao discloses the processing method wherein the synchronous signal is composed of a horizontal synchronous signal and a vertical synchronous signal (col. 3, lines 1-32, lines 40-65).

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8. As per claim 5, Romao discloses the processing method wherein the pattern of markup signal is located by the horizontal synchronous signal and the vertical synchronous signal (col. 3, lines 1-32, lines 40-65).

9. As per claim 6, Romao discloses an image decryption device includes: an encoding unit, for executing an encoding process for the encrypted image; a memory unit, for storing digital signals that have been done with encoding; a detection control unit, for detecting the markup signal and controlling the reading and writing of the memory so as to determine whether data in the memory unit should be updated; and a decoding unit, for converting the digital image data stream outputted by the memory unit into an analog video signal output (col. 6, lines 19-24, col. 8, lines 1-37, col. 16, lines 25-31, col. 8, lines 39-67).

10. As per claim 7-9, Romao discloses the image decryption device wherein the encoding unit is an analog/digital converter, wherein the memory unit is a dual-port memory, wherein the decoding unit is a digital/analog converter (col. 15, lines 62-67, col. 16, lines 1-24).

11. As per claim 10, Romao discloses a processing method includes: a) the digital video signal output will be stored in the memory unit after an analog video signal in the encrypted composite film has been converted into a digital video signal output through the analog/digital converter; b) the detection control unit will determine whether the data in the memory should be updated (col. 6, lines 19-24, col. 8, lines 1-37, col. 16, lines 25-31); c) the data in the memory will be sequentially outputted to the digital/analog converter continuously so that the digital data stream can be converted into analog

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video signal output, and thus the viewer can watch the main film (col. 6, lines 19-24, col. 8, lines 1-37, col. 16, lines 25-31, col. 8, lines 39-67).

12. As per claim 11, Romao discloses the processing method wherein the procedures of determining whether the data inside the memory should be updated are listed as below: step one: the position of the markup signal is located by the horizontal synchronous signal and the vertical synchronous signal of an image; step two: each sample value of a sampling signal will be compared with that of another sampling signal in the position of markup signal; step three: if a sample value is larger than a compared value (col. 6, lines 19-24, col. 8, lines 1-37, col. 16, lines 25-31), then the inner accumulator increases one; step four: if the inner accumulator is larger than a preset value, then the data in the memory should be updated; conversely, if the inner accumulator is smaller than the preset value, then the data should not be updated (col. 6, lines 19-24, col. 8, lines 1-37, col. 16, lines 25-31, col. 8, lines 39-67).

Conclusion

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad w. Reza whose telephone number is 571-272-6590. The examiner can normally be reached on M-F (9:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MOAZZAMI NASSER G can be reached on (571)272-4195. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mohammad Wasim Reza

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NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100


12,27,06